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For: Method of Measuring Discrete, Incremental Feedback from Motion Devices

### **ABSTRACT**

A method of measuring discrete incremental feedback from motion systems that creates a  
5 discrete feedback pulse for every unit of motion that is accomplished by the motion system. The  
method comprises establishing a minimum feedback pulse sampling period, and accumulating  
feedback pulses during a sampling period. Upon the first feedback pulse after the minimum  
feedback pulse sampling period has passed, the current sampling period is ended, and the next  
sampling period is begun. The quantity of feedback pulses accumulated during the current  
10 sampling period is then determined.